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| M844 | 2005-03-24 | 21 | Y ☑ | 2007-04-18 21:19:48.0 | jtorres1 |
| M844 | 2004-09-27 | 13 | Y ☑ | 2007-04-18 21:15:27.0 | jtorres1 |
| [ Update ] | | | | | |

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# Continuity Information for 10/796895

**Parent Data**
10796895
**Claims Priority from Provisional Application** 60453809

**Child Data**
**No Child Data**

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## PALM INTRANET

# Inventor Information for 10/796895

| Inventor Name | City | State/Country |
|---|---|---|
| GIANNAKIS, GEORGIOS B. | MINNETONKA | MINNESOTA |
| YANG, LIUQING | FALCON HEIGHTS | MINNESOTA |

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## Inventor Name Search Result

Your Search was:

Last Name = GIANNAKIS
First Name = GEORGIOS

| Application# | Patent# | Status | Date Filed | Title | Inventor Name |
|---|---|---|---|---|---|
| 60274365 | Not Issued | 159 | 03/08/2001 | Chip-interleaved block-spread code division multiple access | GIANNAKIS, GEORGIOS |
| 60274367 | Not Issued | 159 | 03/08/2001 | Finite-alphabet based channel estimation for OFDM and related multi-carrier systems | GIANNAKIS, GEORGIOS |
| 60906989 | Not Issued | 20 | 03/14/2007 | Stochastic routing in wireless multihop networks | GIANNAKIS, GEORGIOS |
| 09838621 | 6912241 | 150 | 04/19/2001 | CHIP-INTERLEAVED, BLOCK-SPREAD MULTI-USER COMMUNICATION | GIANNAKIS, GEORGIOS B. |
| 10094946 | 7139321 | 150 | 03/07/2002 | CHANNEL ESTIMATION FOR WIRELESS OFDM SYSTEMS | GIANNAKIS, GEORGIOS B. |
| 10158390 | 7190734 | 150 | 05/28/2002 | SPACE-TIME CODED TRANSMISSIONS WITHIN A WIRELESS COMMUNICATION NETWORK | GIANNAKIS, GEORGIOS B. |
| 10420351 | Not Issued | 30 | 04/21/2003 | Space-time coding using estimated channel information | GIANNAKIS, GEORGIOS B. |
| 10420352 | Not Issued | 94 | 04/21/2003 | SPACE-TIME MULTIPATH CODING SCHEMES FOR WIRELESS COMMUNICATION SYSTEMS | GIANNAKIS, GEORGIOS B. |
| 10420353 | Not Issued | 41 | 04/21/2003 | Wireless communication system having linear encoder | GIANNAKIS, GEORGIOS B. |
| 10420361 | Not Issued | 93 | 04/21/2003 | WIRELESS COMMUNICATION SYSTEM HAVING ERROR-CONTROL CODER AND LINEAR PRECODER | GIANNAKIS, GEORGIOS B. |
| 10421678 | Not Issued | 93 | 04/21/2003 | SPACE-TIME DOPPLER CODING SCHEMES FOR | GIANNAKIS, GEORGIOS B. |

| | | | | TIME-SELECTIVE WIRELESS COMMUNICATION CHANNELS . | |
|---|---|---|---|---|---|
| 10796563 | Not Issued | 30 | 03/08/2004 | Space-time coding for multi-antenna ultra-wideband transmissions | GIANNAKIS, GEORGIOS B. |
| 10796567 | Not Issued | 30 | 03/08/2004 | Timing synchronization using dirty templates in ultra wideband (UWB) communications | GIANNAKIS, GEORGIOS B. |
| 10796570 | Not Issued | 30 | 03/08/2004 | Pilot waveform assisted modulation for ultra-wideband communications | GIANNAKIS, GEORGIOS B. |
| 10796895 | Not Issued | 30 | 03/08/2004 | Multi-user interference resilient ultra wideband (UWB) communication | GIANNAKIS, GEORGIOS B. |
| 10828104 | Not Issued | 30 | 04/20/2004 | Space-time-frequency coded OFDM communications over frequency-selective fading channels | GIANNAKIS, GEORGIOS B. |
| 10841806 | Not Issued | 30 | 05/07/2004 | Receiver for chip-interleaved block-spread multi-user communication systems | GIANNAKIS, GEORGIOS B. |
| 10850825 | Not Issued | 30 | 05/21/2004 | Channel estimation for block transmissions over time-and frequency-selective wireless fading channels | GIANNAKIS, GEORGIOS B. |
| 10850961 | Not Issued | 30 | 05/21/2004 | Estimating frequency-offsets and multi-antenna channels in MIMO OFDM systems | GIANNAKIS, GEORGIOS B. |
| 10952713 | Not Issued | 30 | 09/29/2004 | Pulse shaper design for ultra-wideband communications | GIANNAKIS, GEORGIOS B. |
| 10953493 | Not Issued | 30 | 09/29/2004 | Digital carrier multi-band user codes for ultra-wideband multiple access | GIANNAKIS, GEORGIOS B. |
| 10955336 | Not Issued | 30 | 09/30/2004 | Full-diversity, full-rate complex-field space-time coding for wireless communication | GIANNAKIS, GEORGIOS B. |
| 11070855 | Not Issued | 30 | 03/02/2005 | Bandwidth and power efficient multicarrier multiple access | GIANNAKIS, GEORGIOS B. |
| 11242623 | Not Issued | 30 | 10/03/2005 | Noncoherent ultra-wideband (UWB) demodulation | GIANNAKIS, GEORGIOS B. |
| 11243454 | Not Issued | 30 | 10/04/2005 | Blind synchronization and demodulation | GIANNAKIS, GEORGIOS B. |
| 11682664 | Not Issued | 16 | 03/06/2007 | SPACE-TIME CODED TRANSMISSIONS WITHIN A | GIANNAKIS, GEORGIOS B. |

| | | | | WIRELESS COMMUNICATION NETWORK | |
|---|---|---|---|---|---|
| 60220899 | Not Issued | 159 | 07/25/2000 | Methods and apparatus for crosstalk cancellation in DSL modems | GIANNAKIS, GEORGIOS B. |
| 60293476 | Not Issued | 159 | 05/25/2001 | Space-time coded transmission with maximum diversity gains over frequency-selective multipath fading channels | GIANNAKIS, GEORGIOS B. |
| 60374886 | Not Issued | 159 | 04/22/2002 | Transceiver designs combining complex-field coding with galois-field coding and low-complexity turbo-decoding for wireless fading communication channels | GIANNAKIS, GEORGIOS B. |
| 60374933 | Not Issued | 159 | 04/22/2002 | Optimal transmitter eigen-beamforming and space time block coding based on partial channel state information | GIANNAKIS, GEORGIOS B. |
| 60374934 | Not Issued | 159 | 04/22/2002 | Space-time-multipath coding using digital phase sweeping and block circular delay diversity for wireless transmissions over frequency-selective fading channels | GIANNAKIS, GEORGIOS B. |
| 60374935 | Not Issued | 159 | 04/22/2002 | Linear constellation precoding for fading communication channels | GIANNAKIS, GEORGIOS B. |
| 60374981 | Not Issued | 159 | 04/22/2002 | Space-time-doppler coding for wireless and mobile communications over time-selective and doubly-selective fading channels | GIANNAKIS, GEORGIOS B. |
| 60453659 | Not Issued | 159 | 03/08/2003 | Low-complexity training for timing acquisition in ultra wideband communications | GIANNAKIS, GEORGIOS B. |
| 60453803 | Not Issued | 159 | 03/08/2003 | Non-data aided timing-offset estimation for ultra-wideband transmissions using cyclostationarity | GIANNAKIS, GEORGIOS B. |
| 60453804 | Not Issued | 159 | 03/08/2003 | Optimal pilot waveform assisted modulation for ultra wideband communications | GIANNAKIS, GEORGIOS B. |
| 60453809 | Not Issued | 159 | 03/08/2003 | Multi-user interference resilient algorithms for ultra-wideband multiple access through multipath channels | GIANNAKIS, GEORGIOS B. |

| 60453810 | Not Issued | 159 | 03/08/2003 | Analog space-time coding for multi-antenna ultra-wideband transmissions | GIANNAKIS, GEORGIOS B. |
|----------|------------|-----|------------|--------------------------------------------------------------------------|------------------------|
| 60464307 | Not Issued | 159 | 04/21/2003 | Space-time-frequency coding for mimo-OFDM | GIANNAKIS, GEORGIOS B. |
| 60469611 | Not Issued | 159 | 05/09/2003 | Receiver for chip-interleaved, block-spread multi-user communication system | GIANNAKIS, GEORGIOS B. |
| 60472290 | Not Issued | 159 | 05/21/2003 | Optimal training for block transmissions over doubly-selective wireless fading channels | GIANNAKIS, GEORGIOS B. |
| 60472297 | Not Issued | 159 | 05/21/2003 | Estimating frequency-offsets and multi-antenna channels for MIMO OFDM | GIANNAKIS, GEORGIOS B. |
| 60499754 | Not Issued | 159 | 09/03/2003 | Adaptive modulation for multi-antenna transmissions with partial channel knowledge | GIANNAKIS, GEORGIOS B. |
| 60507269 | Not Issued | 159 | 09/30/2003 | Digital carrier multi-band user codes for ultra wide band multiple access | GIANNAKIS, GEORGIOS B. |
| 60507303 | Not Issued | 159 | 09/30/2003 | Pulse-shaper design for ultra-wideband radio communication | GIANNAKIS, GEORGIOS B. |
| 60507829 | Not Issued | 159 | 10/01/2003 | Full-diversity full-rate complex-field space-time coding | GIANNAKIS, GEORGIOS B. |
| 60552594 | Not Issued | 159 | 03/12/2004 | Bandwidth and power efficient multi-carrier multiple access for uplink broadband wireless communication | GIANNAKIS, GEORGIOS B. |
| 60615489 | Not Issued | 159 | 10/01/2004 | Noncoherent ultra-wideband radios | GIANNAKIS, GEORGIOS B. |
| 60615802 | Not Issued | 159 | 10/04/2004 | Low-complexity blind synchronization and demodulation | GIANNAKIS, GEORGIOS B. |

# Inventor Search Completed: No Records to Display.

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## PALM INTRANET

## Inventor Name Search Result

Your Search was:

Last Name = YANG
First Name = LIUQING

| Application# | Patent# | Status | Date Filed | Title | Inventor Name |
|---|---|---|---|---|---|
| 10796563 | Not Issued | 30 | 03/08/2004 | Space-time coding for multi-antenna ultra-wideband transmissions | YANG, LIUQING |
| 10796567 | Not Issued | 30 | 03/08/2004 | Timing synchronization using dirty templates in ultra wideband (UWB) communications | YANG, LIUQING |
| 10796570 | Not Issued | 30 | 03/08/2004 | Pilot waveform assisted modulation for ultra-wideband communications | YANG, LIUQING |
| 10796895 | Not Issued | 30 | 03/08/2004 | Multi-user interference resilient ultra wideband (UWB) communication | YANG, LIUQING |
| 10952713 | Not Issued | 30 | 09/29/2004 | Pulse shaper design for ultra-wideband communications | YANG, LIUQING |
| 10953493 | Not Issued | 30 | 09/29/2004 | Digital carrier multi-band user codes for ultra-wideband multiple access | YANG, LIUQING |
| 11242623 | Not Issued | 30 | 10/03/2005 | Noncoherent ultra-wideband (UWB) demodulation | YANG, LIUQING |
| 60453659 | Not Issued | 159 | 03/08/2003 | Low-complexity training for timing acquisition in ultra wideband communications | YANG, LIUQING |
| 60453803 | Not Issued | 159 | 03/08/2003 | Non-data aided timing-offset estimation for ultra-wideband transmissions using cyclostationarity | YANG, LIUQING |
| 60453804 | Not Issued | 159 | 03/08/2003 | Optimal pilot waveform assisted modulation for ultra wideband communications | YANG, LIUQING |
| 60453809 | Not Issued | 159 | 03/08/2003 | Multi-user interference resilient algorithms for ultra-wideband multiple access through multipath channels | YANG, LIUQING |

| 60453810 | Not Issued | 159 | 03/08/2003 | Analog space-time coding for multi-antenna ultra-wideband transmissions | YANG, LIUQING |
|---|---|---|---|---|---|
| 60507269 | Not Issued | 159 | 09/30/2003 | Digital carrier multi-band user codes for ultra wide band multiple access | YANG, LIUQING |
| 60507303 | Not Issued | 159 | 09/30/2003 | Pulse-shaper design for ultra-wideband radio communication | YANG, LIUQING |
| 60615489 | Not Issued | 159 | 10/01/2004 | Noncoherent ultra-wideband radios | YANG, LIUQING |

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| Customer Number | Contact Information | Address |
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| 28863<br>Delivery Mode: PAPER | Telephone: (651)735-1100<br>Fax: (651)735-1102<br>E-Mail: No E-Mail Address | SHUMAKER & SIEFFERT, P. A.<br>1625 RADIO DRIVE<br>SUITE 300<br>WOODBURY MN 55125 |

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